

REMARKS

Claims 1, 3, 5-7, and 9 are presented for further examination. All of these claims have been amended. Claims 2, 4, and 8 have been canceled.

In the Office Action mailed December 3, 2004, the Examiner objected to the abstract because it exceeded 150 words. Applicants have corrected the abstract to fall within the allotted 150-word maximum.

Claims 4-9 were rejected under 35 U.S.C. § 112, second paragraph, as indefinite. Applicants have amended claims 5-7 and 9 to provide proper antecedent basis as set forth the by the Examiner on pages 3-4 of the Office Action.

Claim 1 was rejected under 35 U.S.C. § 102(e) as anticipated by U.S. Patent No. 6,711,138 ("Pai et al."). Claims 1-2 were further rejected as anticipated by published U.S. Application 2001/0036192 ("Chiles et al."). Claims 3-7 were rejected under 35 U.S.C. § 103(a) as unpatentable over Chiles et al. in view of "Official Notice."

Claims 8-9 were found to be allowable if rewritten into independent form. Claims 2-9 were found to be allowable, implicitly, over Pai et al. Claims 3-9 were implicitly found to be allowable over Chiles et al. under 35 U.S.C. § 102(e).

Applicants respectfully disagree with the bases for the rejections and request reconsideration and further examination of the claims.

The present invention is directed to a home gateway system that includes an ADSL controller 130, a PCMCIA slot A interface unit 120a, a system controller 110, a PCMCIA slot B interface unit 120b, and a HomePNA controller 140, as shown in Figure 3. Claim 1 has been amended to include the above structure and to further incorporate limitations previously recited in claims 2, 4, and allowable claim 8.

More particularly, claim 1 as amended is directed to a modular-type home gateway system that comprises a HomePNA controller, an ADSL controller, a system controller, wherein the HomePNA controller and ADSL controller are formed in a modular type that are detachably connectable to the system controller through a PCMCIA memory card that provides a bridge function between a home network and an access network. Claim 1 now further recites the PCMCIA interface unit as including slots A and B, an address latch part, a data buffer, a control

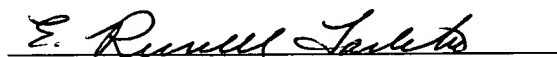
signal buffer, a state signal buffer, an ADSL modulation/demodulation controller and an ADSL AFE controller for transmitting a resultant signal to the PCMCIA slot A interface unit and the ADSL AFE controller interchanging an ADSL transmitting/receiving signal with the access network through an outdoor telephone line after completing the data switching with the ADSL modulation/demodulation controller and transmitting the resultant signal to the ADSL modulation/demodulation controller.

Pai et al. and Chiles et al. do not disclose or suggest the technical construction as recited in the combination of claim 1. Thus, applicants respectfully submit that claim 1, as well as dependent claims 3, 5-7 and 9 are clearly allowable over the references cited and applied by the Examiner.

In view of the foregoing, applicants respectfully submit all of the claims remaining in this application are clearly allowable. In the event the Examiner disagrees or finds minor informalities that can be resolved by telephone conference, the Examiner is urged to contact applicants' undersigned representative by telephone at (206) 622-4900 in order to expeditiously resolve prosecution of this application. Consequently, early and favorable action allowing these claims and passing this case to issuance is respectfully solicited.

Respectfully submitted,

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